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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/577,078	05/23/2000	Toshihiro Shima	04783.012001	4163

22511 7590 06/15/2007
OSHA LIANG L.L.P.
1221 MCKINNEY STREET
SUITE 2800
HOUSTON, TX 77010

EXAMINER

SCHLACK, SCOTT A

ART UNIT	PAPER NUMBER
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2625

MAIL DATE	DELIVERY MODE
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06/15/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

09/577,078

Applicant(s)

SHIMA, TOSHIHIRO

Examiner

Scott A. Schlack

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 May 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 2-4,6-10,13 and 14 is/are pending in the application.
- 4a) Of the above claim(s) 2-4,6-10 and 14 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 13 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 23 May 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
- 1) ☒ Certified copies of the priority documents have been received.
 - 2) ☐ Certified copies of the priority documents have been received in Application No. _____.
 - 3) ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Amendment

1. Applicant's election of Species III, without traverse in the reply filed on 05/24/2007 is acknowledged. In this reply, the applicant discloses that Species III pertains to only claim 13 (represented by figures 10-11), and therefore all other claims, 2-4, 6-10 and 14 are withdrawn from consideration.

Response to Arguments

2. Applicant's arguments in the amendment dated 02/09/2007, with respect to claim 13, have been considered but are moot in view of the new ground(s) of rejection. The examiner apologizes for previously stating claim 13 as allowable in the Office Action dated 11/09/2006. Further search has revealed new Prior Art, on which the rejection below is based.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claim 13 is rejected under 35 U.S.C. 103(a) as being unpatentable over Aiello Jr. et al. (US 6,377,745) in view of Gase (US 6,184,996) in further view of Maeda et al. (US 6,791,703)

With respect to claim 13 Aiello Jr. discloses a system comprising: a server (Print Server 52 if of Fig 5) configured to provide a print acceptance screen (,GUI of Cue

Manager, 128 of Fig 5, is provided to print operator for selecting a specific printer to direct a print job to, col 5, lines 46-50) to a client computer (Operator computer connected to Server 52 of Fig 5); the client computer configured to send a new print request to a printer using the print acceptance screen provided by the server (The operator accesses the GUI of the Print Server's Queue Manager and selects a new print request from the queue to send to the selected printer, col 5, lines 46-50).

Aiello Jr. does not disclose wherein the server resides in a printer. Gase does disclose a server (HTTP Server 24 of Fig 1) residing in a printer (HTTP Server 24 encapsulated in Printer 14 of Fig 1). At the time of the invention it would have been obvious for one skilled in the art to combine Aiello Jr. with Gase such that the Server of Aiello Jr. was encapsulated in a printer. The suggestion or motivation for doing so would have been to consolidate the server functionality inside a printer device.

Aiello Jr. further does not disclose wherein the new print request specifies a peripheral device on which data to print is stored; and the printer configured to request the data to print from the peripheral device and print the data upon receipt from the peripheral device. Maeda does disclose a print request (Print request of Fig 6) which specifies a peripheral device (Server 10 of Fig 1) on which data to print is stored (Print request specifying a WWW Server where a document to be printed is stored utilizing a URL document locator, 502 of Fig 6); and the printer (Digital Copier 1 of Figs 1 and 2) configured to request the data to print from the peripheral device and print the data upon receipt from the peripheral device (Copier performs pull-printing, requesting the URL document data from the WWW Server and then printing said document upon

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receipt, col 2, lines 18-30 and col 6, line 45 through col 7, line 4). It would have been obvious to one skilled in the art to combine Aiello Jr. with Maeda, such that the printer receiving the print request from Aiello's Print Server, also received a document locator (URL or Token) as part of the print request pointing to a peripheral device where the document was located, so that a print-pull was performed as taught by Maeda. The suggestion or motivation for doing so would have been to perform a print-pull facilitated by the print request interface of a Print Server, thereby eliminating the need transmit the actual document in the print request.

Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Scott A. Schlack whose telephone number is (571)272-7954. The examiner can normally be reached on 9-5.

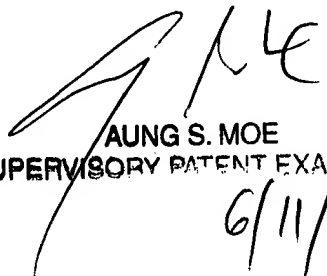
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Aung Moe can be reached on (571)272-7314. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a

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USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


Scott A. Schlack


AUNG S. MOE
SUPERVISORY PATENT EXAMINER

6/11/07